15. An unleaded gasoline fuel, which is substantially free of oxygenates and has a Reid vapor pressure less than 7.5 psi; a sulfur content less than 10 ppmw; and a 50% D-86 Distillation Temperature greater than 210 but no greater than 220°F, and the fuel composition fails the California Predictive Model requirements for

emissions.

30. An unleaded gasoline fuel, which is substantially free of oxygenates and has a Reid vapor pressure less than 7.5 psi; a sulfur content less than 10 ppmw; and a 90% D-86 Distillation Temperature between 300 and 330°F, and the fuel composition fails the California Predictive Model requirements for emissions.

77. An unleaded gasoline fuel comprising a controlled sulfur content of no greater than 10 ppmw, thereby allowing greater flexibility in blending with respect to the amounts of oxygen, aromatic hydrocarbons, benzene and elefins and the T50 and T90 characteristics, without regard to the California Predictive Model for the Phase 2 California Reformulated Gasoline, while providing a gasoline fuel which exhibits low emissions.

Please cancel claims 7, 21, 36, 51, 62, 73 and 78 without prejudice or disclaimer.